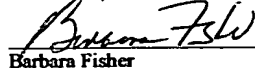


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Date: 27 December 2004

10/519137
TS6347US
ERM:BAF
DT01 Rec'd PCT/PT 22 DEC 2004
#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PCT International Application of:)
COENEN, Josef Guillaume Christoffel)
Int. Appl No.: PCT/EP2003/006414)
Int. Filing Date: 17 June 2003)
SYSTEM FOR DETECTING GAS IN A)
WELLBORE DURING DRILLING)

27 December 2004

COMMISSIONER FOR PATENTS
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.56 AND 1.97

Dear Sir:

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein.

The Examiner is requested to fully consider this information and to indicate consideration on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant(s).

Respectfully submitted,

COENEN, Josef Guillaume Christoffel



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FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TS6347 US

APPLICATION NUMBER

10/519137

LIST OF INFORMATION PROVIDED
BY APPLICANTAPPLICANT
COENEN, Josef Guillaume Christoffel

(Use several sheets if necessary)

FILING DATE
22 December 2004

GROUP ART UNIT

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	5469917	11/28/95	Duane K. Wolcott	166	250.01	12/14/94
	AB	5351532	10/4/94	Robert N. Hager	73	153	10/8/92
	AC	4887464	12/19/89	Eli Tannenbaum, et al	73	153	11/22/88
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	01/98630	12/27/01	WO	E21B	43/38		
	AM	01/63094	8/30/01	WO	E21B	49/10		
	AN							
	AO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	International Search Report dated 10 September 2003
	AS	A.O. Brumboiu, et al: "Application of Semipermeable Membrane Technology in the Measurement of Hydrocarbon Gases in Drilling Fluids", 19 June 2000, pgs 1-12, SPE #62525
	AT	DRIA, Dennis E. "Membrane-based gas sensing for robust pay identification", 42 nd Annual SPWLA Logging Symposium", 17 June 01, pgs 1-6

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior